

Title (en)  
FUEL RAIL FOR ATTENUATING RADIATED NOISE

Title (de)  
KRAFTSTOFFLEISTE ZUR ABSCHWÄCHUNG VON ABSTRAHLGERÄUSCHEN

Title (fr)  
RAMPE DE CARBURANT CONÇUE POUR ATTÉNUER LE BRUIT RAYONNÉ

Publication  
**EP 2609320 A1 20130703 (EN)**

Application  
**EP 11749682 A 20110823**

Priority  
• US 87058510 A 20100827  
• US 2011048718 W 20110823

Abstract (en)  
[origin: US2012048236A1] A fuel rail includes an elongated tube having an inlet and a plurality of outlets. The elongated tube defines a fuel passageway for directing fuel toward the plurality of outlets. The fuel rail also includes a plurality of baffles positioned within the elongated tube to divide the fuel passageway into a plurality of chambers such that each outlet is positioned in one of the plurality of chambers. The plurality of baffles restricts fluid flow between adjacent chambers. A majority of the plurality of outlets are located essentially at an acoustic node of each corresponding chamber to reduce noise generated by the fuel rail.

IPC 8 full level  
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CPC (source: EP US)  
**F01N 1/083** (2013.01 - EP US); **F02M 55/025** (2013.01 - EP US); **F02M 63/0225** (2013.01 - EP US); **F02M 2200/09** (2013.01 - EP US); **Y10T 29/49** (2015.01 - EP US); **Y10T 29/494** (2015.01 - EP US)

Citation (search report)  
See references of WO 2012027310A1

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